DOOSAN

Document Transmittal

Upper Trishuli-1 HEP (216MW)

Date	DT No.:	SHEET
2022-07-31	UT1-HEP-DHI-PC-D-0050	1 OF 1

DOOSAN NEPAL BRANCH OFFICE	Address & Contact No. : Four Square Building, Naxal, Kathmandu, Nepal (P.O Box : 1387) + 977 1 692 3014	Project No. H20002	DOCUMENT DISPATCHED BY Courier Service ☐ Messenger ☐ Post-Air Freight ☐ Document System or E-mail ■ By hand ■
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SUBJECT	Submission of Review Note RN-0203 and RN-0204		

S. N.	REVIEW NOTE NO.	REVIEW STATUS	DWG. / DOC. NO.	REV.	DWG. TITLE / DOC. DESCRIPTION	REMARK
1	RN-0203	AN	UT1-C-090-CVL-DG-64002	0C	Excavation and Support of Main Access Tunnel to Powerhouse	
2	RN-0204	AN	UT1-C-150-CVL-DG-43010	0	Access Road To Adit-4	
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Date :

Legend of Review Status
A : APPROVED
AN : APPROVED AS NOTED
RR : RETURN FOR RESUBMISSION
FI : FOR INFORMATION

DHI STAMP

Doosan Enerbility Co., Ltd
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Issued by DHI

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Doosan Enerbility Co., Ltd.

Discipline : Civil

UPPER TRISHULI-1 HEP (216MW)

Client	**Nepal Water and Energy Development Company Private Limited**
Owner's Engineer	**Tractebel Engineering GmbH / Jade Consult**

REVIEW NOTE

Contractor	**Doosan Enerbility**		
Title of the Document	Excavation and Support of Main Access Tunnel to Powerhouse		
Document No.	UT1-C-090-CVL-DG-64002	Revision	0C
Date of Documents	01.07.2022	Received Date	05.07.2022
Transmittal Form No.	UT1-HEP-DHI-D-0288		
Previous Review Date/Status	05.06.2022/AN	Prev. Review Note No.	RN-0132
Review Note No.	**RN-0203**	**Present Review Date**	**29.07.2022**
		Present Review Status	**AN**

A: Approved AN: Approved as Noted RR: Returned for Resubmission FI: For Information, only

General Comments

1. The submitted detailed design documents of the Main Access Tunnel to the Powerhouse and Transformer Cavern are incomplete. Refer also to OE´s letter *OE-TJ-UT1-OUT Site-DHI 261 "Incomplete design documents"*, dated 18th of July 2022.
2. The contractor shall confirm the shown dimensions of the Main Access Tunnel to the Powerhouse and Transformer Cavern including all related structures with the supplier of the E&M equipment including its transport and erection as well as for example (but not limited to)
   - dewatering and drainage system
   - HVAC-System
   - emergency evacuation plan and emergency escape routs
3. The design of the portal structure of the Main Access Tunnel, shown on sheet 3 of 9, "*Detail* and *Plan of Access Tunnel Portal"* of the drawing under this revision cannot be assumed as final detailed design and has to be elaborated and presented in separate detailed design drawings.

Disclaimer:

Any approval will not release the Contractor from any of his obligations under the Contract. Despite the Engineer's approval the Contractor remains fully responsible for design, calculation, dimensioning, supply and installation without limitations.

Sebastian Beck, Chief Design Engineer